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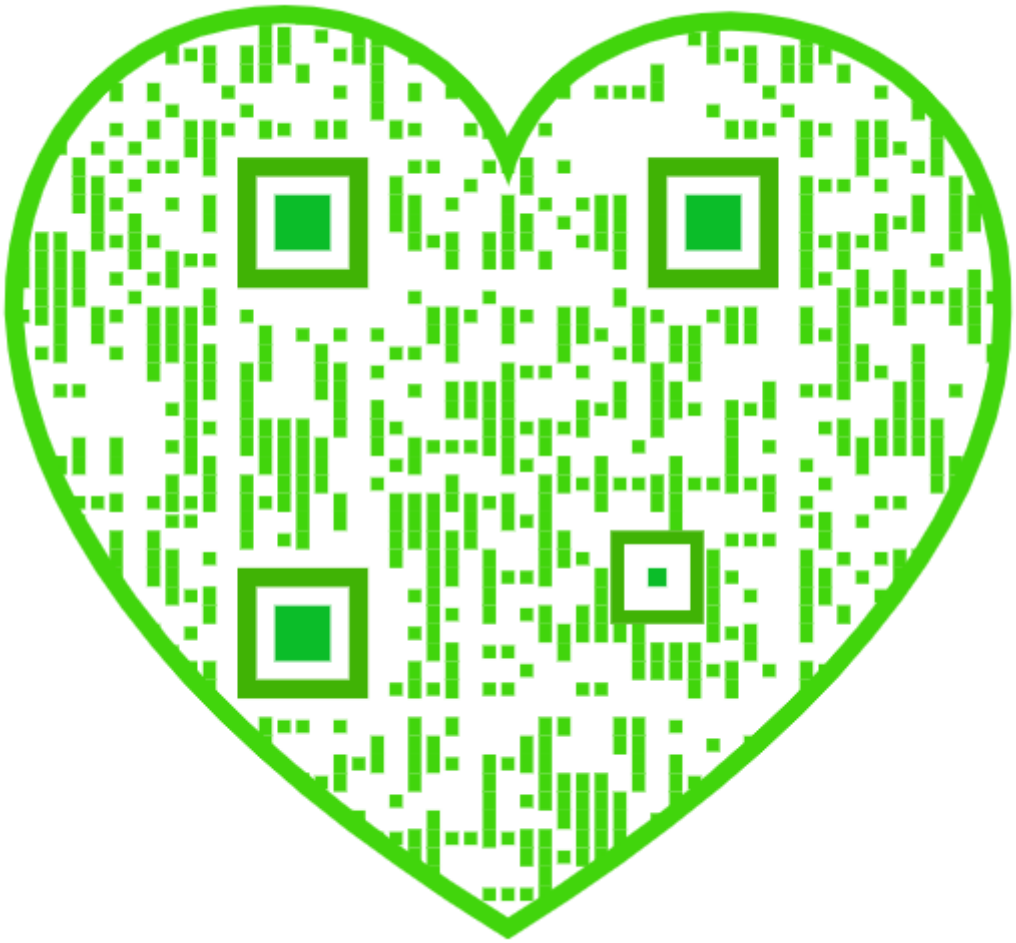
CLARK'S
TANGIBLE SHORTHAND
SELF-INSTRUCTOR



CLARK'S

TANGIBLE SHORTHAND

INSTRUCTOR

THE ONLY SYSTEM FREE OF WORD SIGNS

A Purely Phonetic System of 100 Characters and 12 Rules

BY

FRANK CHADWICK CLARK

AUTHOR and PUBLISHER

KANSAS CITY, KANSAS

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TO THE TEACHER

See that the students fully understand how to spell by sound; then have them learn the words and vowel characters so thoroughly that they cannot in any way confuse them.

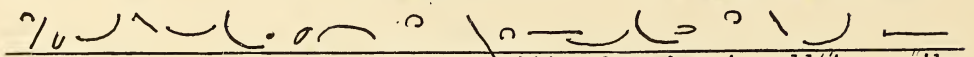
See that they thoroughly understand each rule before writing words developed thereby.

As the combination of vowels with consonant strokes are fully illustrated in Lesson Eight, have the student study every detail of such combination until he can form them accurately and rapidly, before leaving that lesson.

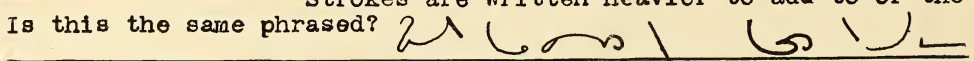
You think you can not read this shorthand so do not try,
for you might be mistaken

There are no wordsigns in the system and the following is the style of contraction used in Clark's Tangible Shorthand.

wood wood
ū n ī l av t b ē in th woo fr ū r t b ī woo v Will Orr.

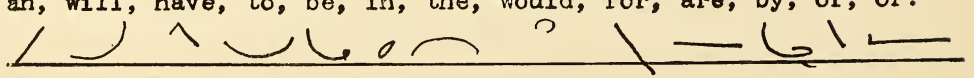


Strokes are written heavier to add to or the
Is this the same phrased?



Practice these words for accuracy.

and wood
an, will, have, to, be, in, the, would, for, are, by, of, or.



As "the vowel sounds are the soul of language", they must be thoroughly committed inorder to spell by sound: as, th aw tuh not tee aich owe you gee aich tee, for thought.

Below are the thirteen vowel's sounds expressed in four different ways---as they sound in the words of the sentence, as their names are spelled, by diacritical marks and by shorthand outlines.

Now	boy,	Ed	Day	is	seen	not	by	Utes	who	could	run	at	Paul	Poe.
ow	oy	ĕh	aye	ĭh	ēe	ah	eye	you	o͞o͝y	o͝oh	uh	ă/	aw	owe
ou	oi	ĕ	ā	ĭ	ē	ŏ	ī	ū	o͞o	o͝o	u̇	ă	a̧	ō
ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ	ↄ

Practice for accuracy and to commit.

ou ↄ

oi ↄ

ĕ ↄ

ā ↄ

ĭ ↄ

ē ↄ

ŏ ↄ

ī ↄ

ū ↄ

o͞o ↄ

o͝o ↄ

u̇ ↄ

ă ↄ

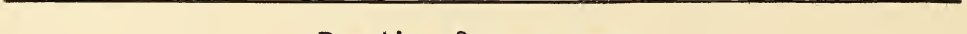
aw ↄ

ō ↄ

The difference between a and say or a and ace in shorthand is produced by shading or making the outline blacker, that is, by writing with a heavier stroke: as, a(o) shaded (o) for say or ace"o".

Change all the vowels that way and produce these words:

Say, ace, is, see, sea, sigh, ice, eyes, use, Sioux, sue, us, as, saw, so, owes



Practice for accuracy.

This sign " + " means plus and this," = " means equals: thus, as "w" has the sound of "o͞o" or "o͡o" and "⌒ or ⊃ = oo in shorthand, therefore, { as o͞o or o͡o + ĕ = wĕ or wĕh, so ⌒ or ⊃ + o = ⌒ or ⊖ .

In this way, join the o͞o(⌒) or o͡o(⊃) to all other vowel characters to record the w joined to all other vowel characters: as, wĕ way wĭ wē wŏ wī wo͞o wo͡o wŭ wă wau wo͞e wow woi. ō + ā = away.

Practice for accuracy and familiarity.

This sign "✚" means plus and this,"=" means equals: Thus, as "y" has the sound of $\bar{e}$ and . - $\bar{e}$ in shorthand, so (as $\bar{e}$ ✚ $\bar{a}$ = yea
(so . ✚ o = ⌒

In this way, join the $\bar{e}$(.) dot to all other vowel characters to record the y joined to all other characters, as follows:

Yĕ yea yĭ yē yŏ yī yo͞o yo͝o yŭ yă yau yō yow yoi. ŏ ✚ ē ✚ ō ✚ ā = (Iowa(⌒)

Practice for accuracy and familiarity.

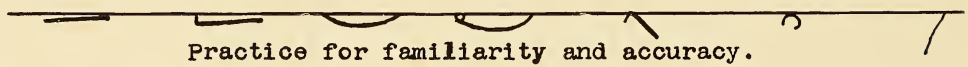
By shading or writing any consonant character blacker, that is, bearing heavier on the pen or pencil while writing it will add to that stroke t th or d: thus, "of" shaded records "of th.

Any character written below the line will express the following p or b: thus, "to" written below the line records "to be".

EXAMPLES,

And th, of th, fr th, to th, th to, it 'd, or t, or th. are th, will be,

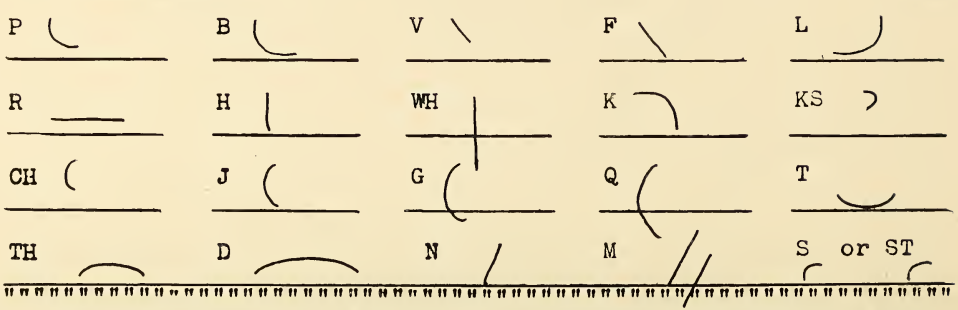
are to be, or to be, to be the, it 'd be, have t be, would be, and be.



Practice for familiarity and accuracy.

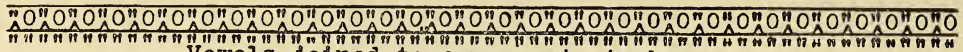
CONSONANTS OF SINGLE SOUNDS.

The consonants are composed of four length strokes and a few very short ticks, therefore, great care must be used in recording them. All downward strokes commence 1/2 way between ruled lines and all upward strokes commence at base line. Parallel strokes may be written any place but the length of all must be exact.



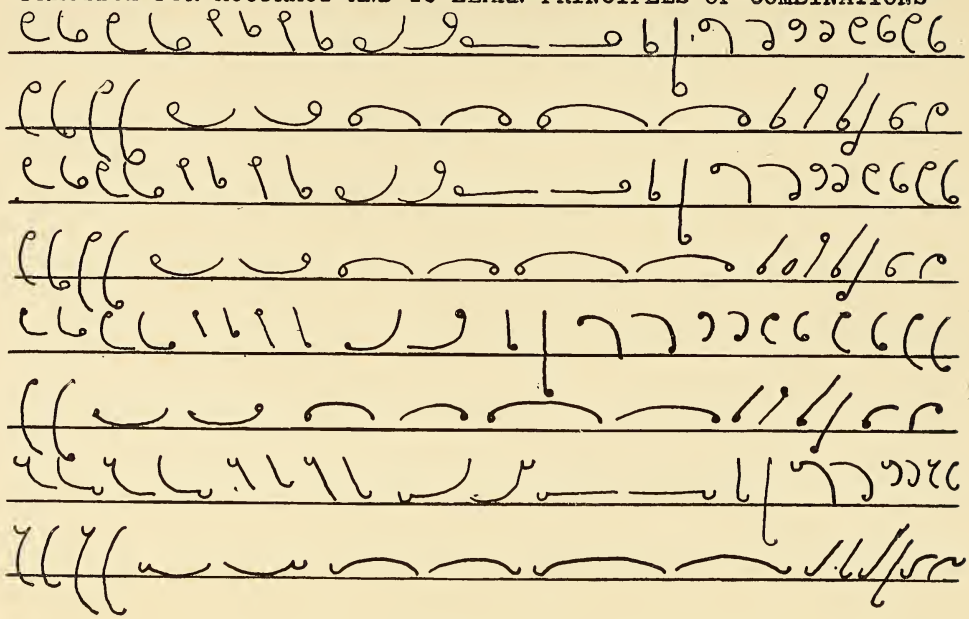
All vowels must be joined to the consonant characters with as sharp an angle as possible or a complete blending without deforming the outline of either by rappid writing.

The short e and the long a are generally written the same way unless danger of confusion in which case the short e retains its own form.

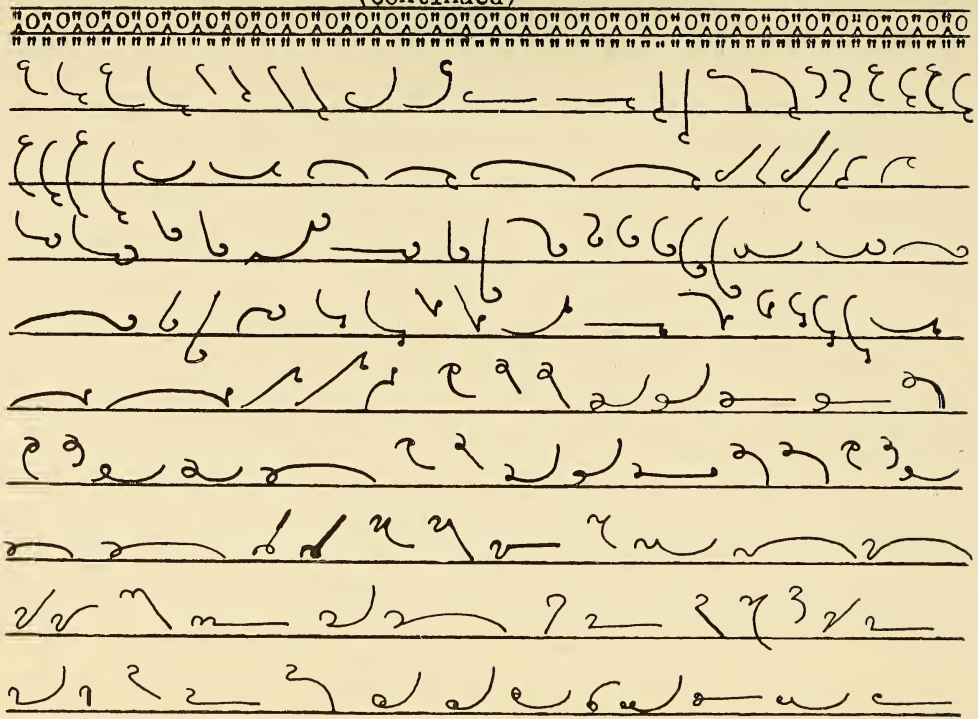


Vowels joined to consonant strokes.

PRACTICE FOR ACCURACY AND TO LEARN PRINCIPLES OF COMBINATIONS



LESSON EIGHT
(Continued)



The following words are recorded with exactly the same outlines that are used in lesson eight, with this exception, that all words beginning with the sound of s followed by a vowel have that s recorded by shading the vowel, and all vowels in the body or at the end of a word, followed by s, sh or tion sounds, are shaded to record these sounds. Ex. Weep is changed to sweep, upe is changed to soup, or Poe is changed to pose or potion.

In case two words, not foreign to each other, of the same part of speech would be recorded with the same outline, the underscored letter should be recorded with its appropriate stroke.

Practice for accuracy and to learn the principle.

Sip, seep, sop, scup, sup, soap, pays, pace, patient (shade the p also), peas, pease, piece, sob, base, bays, abiss, bees, bosh, buys, abuse, boose, bush, buss, buzz, bass, boss, bows, beaux, boughs, boys, pa's, pies, pews, push, puss, pass, passion, pause, pose, position, possession.
vase, ovation, vice, vise, views, vows, phase, face, fish, fees, fashion, foes, save, safe, seive, sift, soft, sufficient,
sell, sail, sill, silly (two " . " at the end of the stroke), seal, Saul, soul, soil, solution, less, lace, Lizzie, lease, lies, lyes, lice, loose, lose, (loose is written with the ls stroke) lass, lash, lotion, sear, sorry, Sarah, sire, sewer, sir (sir is written with the "sr"), soar, sore, sour, Sawyer, race, erase, raise, ration, oration, Reece, rise, rice, ruse, Russian, rash, rose, arose, rouse, arouse,
Hessians, haze, his, whose, hush, has, hash, haws, hose, hoes, Howe's, house cushion, cussion, cash, cows, caution.

chase, cheese, choose, chose, such, sage, seige, josh, joys, 'joice, sag,
sage, guess, gaize, geese, gause, goss, goes, question, quizz, quotient.
set, sate, sit, seat, sot, sight, cite, site, suit, suite, soot, sat, sought
'tis, --tition, saith, scythe, sooth, soothe, south, this, these, thighs,
thus, --thuse, those, thous---,
said, Sadie, seed, sod, side, sighed, sued, suds, sad, sewed, days, daise,
dish, --dition, dues, dews, does, Doz. dash, dose, douse.
sane, sin, seen, sign, soon, sun, sawn, sown, sound, nation, news, noose,
nose, knows, notion, noise, annoys.
Ma's, mice, mews, amuse (use the ms stroke) moose, muss, mush, mass, mash
same, seem, psalm, assume, sum, some, Sam, mess, maise, Miss, mission, moss
amass, motion.
says, siss, seas, sees, seize, sighs, size, sues, Sioux, sash, saws, sows,
session, stays, styes, stews, station, stows,
swept, sweep, swop, swoop, swab, swift, swell, swill, wasp, swallow, swollen, swear, swayer, swerve, swirl, switch, swag, swet, sweet, swath, Swede,
swain, swan, swine, swoon, swim, swam,

The following words are recorded with exactly the same outlines that are used in lessin eight with the exception that the consonant strokes are shaded for the following t or d sounds: as, pay ( ) is changed to paid ( ). Use strokes for underscored letters.

Practice for accuracy and to learn the principles.

apt, wept, aped, pet, pate, paid, pit, Peat, pot, pod, pawed, ----pode, pout, ebbed, webbed, wiped, bet, bed, bate, bade, bit, bid, beat, beet, bead, bot, bite, abide, beauty, boot, booty, but, bud, bat, bad, bought, boat, abode, about, bowed, Boyd, aft, waft, waved, viewed, vat, vote, vowed, void, avoid, fed, fate, fade, fit, feet, feed, fight, --fied, feud, food, foot, fat, fad, fought, ult., alter, altar, welt, weld, wilt, walled, let, led late, lady, laid, lit, lid, lead, lot, light, lied, loot, lad, lawed, laud, load, aloud, Lloyd, aired, art, wert, wired, word, ward, wart, worth, read, red, raid, rate, writ, rid, read, rot, rod, rite, write, right, wright, ride (curve I upward), root, rood, rude, rut, rat, wrought, rote, wrote, rode, road, head, hate, hit, hid, heat, heed, hot, hod, hight, hide, hoot who'd, hut, hat, had, hood, whet, whit, wheat, what, white, act, eked, walked, Kate, kit, kid, keyed, cot, cod-fish, kite, cute, could, cut, cud, cat, caught, coat, code, cowed, coyed, cheat, chat, jet, jade, jot, jide, Jude, get, gate, gait, got, God, guide, good, gad, goat, goad, quit, quite, quod, quote, tot, tight, tied, tide, toot, tut, taught, taut, toad, toyed thought, they'd, that, thawed, aided, added, wedded, waded, weeded, wadded, debt, date, did, ditto, deed, dot, died, indite, dude, dud, dad, daudy, dote, doubt, end, aunt, ant, owned, went, wained, wind, weened, want, wind, wand, wound, net, Ned, knit, neat, need, kneed, not, knot, nod, night, knight, nut, naught, gnawed, note, met, made, maid, mit, amid, meet, meat, mead, mite, might, mute, moot, mood, mud, mat, mad, Maud, mote, mode, state, staid, stayed, stewed, stowed, stout.

The following words are recorded with exactly the same outlines that are used in lesson eight with the exception that both vowels and consonants are shaded.

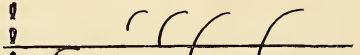
Strokes should be used for the letters underscored in place of shading.

Practice for accuracy and to learn the principles.

Sipped, seeped, sopped, supped, sapped, soaped, swepped, swopped, pest, paste, pieced, pots, pods, pushed, passed, past, paused, post, posed, sobbed, swabbed, bates, baste, best, bets, beds, bates, baste, bits, bids, beets, beast, beats, abides, beauties, boots, butts, buds, bats, boost, bust, bossed, boast, vest, vast, vats, votes, fits, fist, feast, feats, feeds, fist, fights, feuds, fussed, fast, fats, fads, faust, leads, least, laced, list, loosed, last, lost, loads, rest, raced, wrist, writs, rods, writes, rights, rides, roots, routs, routes, ruts, roast, roads, hist, host, hats, whist, kissed(use ks stroke), cost, caused(use the ks stroke), coast, chest, chased, chaste, jest, just, guessed, gust, gast--, ghost, quest, question, swagged, test, taste, toast, thoughts, dust, debts, dates, deeds, nest, most, motes, must(use ms) states,

Vowels and rules are applied the same to these strokes as they are to those in lesson eight.

Sp-sb, sl, sh, sk, sn-sm.



upward--downward-----.

Practice for accuracy and to learn strokes and principle.

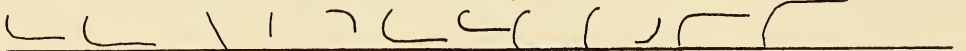
Sped, spaced, space, spade, spit, speed, spot, spy, spied, spice, spies, species, spot, spite, --spute, spat, spout, spouse, sub, suppose, supposition,
sled, slate, slay, slayed, slit, slid, sleet, slot, slight, sly, slide, slice, sliced, slice, slew, slat, slaugh, slow,
shed, shade, sheet, she, she'd, shod, shot, shy, shied, shoe, shoes, shoot, should, shut, shad, show, pshaw, shoat, showed, shows,
skate, skid, sky, skew, scoot, skud, scat, scad, scout, scow, scout, snow, snowed, snout, snouts, snows, smit, smith, smite, smooth, smut, smote.

The following are consonant characters ending with the "r" sound to which the vowels and other consonant characters are joined the same as illustrated in lesson eight. Vowels written at the end of these strokes may be read between or after the two consonant sounds: as, fire and fry would have the same outline unles such words prove to be of the same part of speech. In such cases, a stroke should be used for the underscored letter.

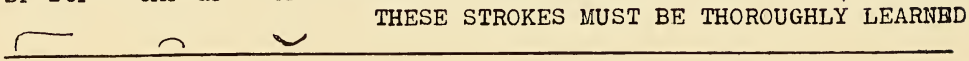
Practice for accuracy and to learn the strokes and principles.

Sweeper, sapper, supper, pair, pear, pare, peer, pier, pure, poor, pur, per, pert, part, port, parse, purse, pore, pour, power, pretty, prate, parade, press, pressed, praised, praise, priest, pry, pries, price, pride priced, pretty, prose, proud, party, apart, pard, sabre, sober, Bert, board, aboard, bread, braid, brade, breed, bright, bride, brute, brood, bruise, brat, brass, brought, broad, bray, brace, breast, brush, brouse. sever, saver, Savior, ever, every, weaver, very, vary, veer, safer, cipher suffer, saphire, offer, over, wafer, fair, fare, fear, far, fire, fewer, fur, for, fore, feared, fired, farse, first, fray, free, fry, frow, fret, Fred, fresh, phrase, afraid, freight, freed, freeze, frieze, froze, frost, fry, fraught, fried, fright, affright, fruit, frat, fraud.

Pr br vr-fr hr kr jr chr gr qr lr nr mr spr



sr-str thr-dr tr.



THESE STROKES MUST BE THOROUGHLY LEARNED

cellar, seller, celery, sealer, sealer, salery, solar, lair, Lear, layer,
liar, lure, allure, lower, lawyer,
hare, here, hear, higher, hire, hewer, who're, her, hair, where, whirr,
sicker, seeker, sucker, weaker, Walker, care, car, cure, core, cower, cry,
crow, court, crest, caress, craze, Christ, cries, cruse, crust, cross,
crossed, caroused, crate, cried, crude, crust, crowd, krout,
cheer, charred, chart, chair, etcher, wager, jear, jar, Jewer, jury, eager
gray, sugar, cigar, auger, grew, grow, grate, great, grade, grace, grist,
graced, grit, greet, Greese, greed, grew, grass, gross, grouse, gerth, grow
growth, goard, gard, quart, queer,
eater, otter, outer, utter, wetter, waiter, water, swetter, sweeter, set-
ter, suitor, tare, tray, tire, try, tour, true, tear, tore, tower, tred,
tress, trait, trade, traced, treat, treed, trees, trot, trod, trite, tried
tries, trist, tired, trued, truce, trust, trast, trout,
either, other, other, author, weather, wither, Southern, there, their,
threat, thred, thorough, through, thrice, thrust, throat, throwed, throw
dred, dried, dray, dry, drew, draught, drouth, adder, odor, wider, dear,
deer, dire, door, dower, dirt, dared, durst, dress, dross, address,
inner, honor, owner, winner, near, nigher, newer, an hour, mayor, mere,
mar, mire, immure, mower, more, assayor, stair, steer, Ester, Easter,
astor, Western, Worcester, star, stir, store, start, stared, stray, strait
strayed, strue, straw, strut, spray, spry, spree, spare, spruce, aspired,

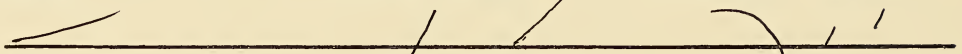
Circles may be elongated or changed to loops to express the following n or m sounds, thus recording en,em,ain,ane,aim,ame, in,im,een,ene,eem,eme: as eef changed to enough .

The following i is lengthened to express the following n or m sounds,recording ine or ime:as fy changed to fine .

the ă stroke may be lengthened to the ns,ms,n or m lengths to record, ance,ams,an or am, and the aw stroke may be lengthened to record on,om,one,ome,awn,aum,

The following are strokes ending with the n or m sounds.where these strokes do not apply and the above rules do not apply any consonant curve may be increased to a half circle to record the following n or m sounds.

rn-rm mn-mm--nn-mm kn-km ns ms



Practice for accuracy and to learn the principles.

Wren,rain,reign,rein,rim,ream,run,rum,room,ran,ram,Rhone,Rome, Rhine,rhyme,rent,rence,rend,rent,runt,rant,round,around,errand, men,memory,ment,main,Maine,mane,mame,mean,mine,mind,moon,money, man,moan,maim,memoir,mam,mum,mend,amend,mint,mince,manned,mined, moaned,amount,immence,mount,mound,noon,none,Nancy,known,unknown, noun,name,numb,Cain,can,came,cane,kin,keen,kine,coon,come,comb, kent,kind,count,account,can not.

(en, em, ane, ame, in, im, ene, eme, een, eem, ain, aim)

Impose, imposition, impede, impossible, impute, imputation, impassable impassible, embed, embezzle, imbibe, imbue, emboss, invest, invite, inlaid, enlighten, Enright, inwrought, enroute, inhaste, enhance, encase, enough, inches, inquest, interest, enthuse, ample, import, impart, impure impair, infer, incur, enchore.

pen, pain, pane, pin, been, bane, bin, bean, vim, vane, vein, feign, fin, fein linn, limb, lean, lame, lame, him, hymn, when, whence, whim, cousin, ten, tame, tin, Tim, team, teem, then, them, thin, theme, den, dense, deem, dean, stem, stain, steam,

(an, am, ans, ams, ALSO FOR FOLLOWING un or um)

Pan, pun, pant, pants, ban, bun, band, bunt, van, vance, fan, fun, fancy, infant, land, lance, lamb, hance, Huns, enhance, hand, chum, chance, chants, jam, Jan., tan, tamp, tun, gun, gum, than, Dan, done, dam, dance, dunce, stand stunt, instant.

(on, om, awn, awm, one, ome)

pawn, pony, pond, bone, bond, boned, Vaughen, vaunt, faun, fond, foam, lawn, alone, lone, loam, haunt, hone, home, stone, cono, comb, gone, gaunt, taunt tone, dawn, dome, daunt, don, palm, balm, Rome, loam, dome.

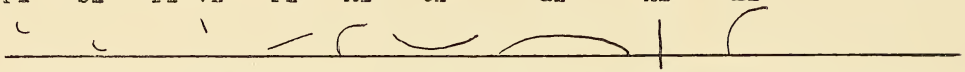
(ine ime)

pine, pint, pints, bind, vine, fine, find, fined, fines, line, lime, whine, kine, kind, rhyme, Rhine, chime, quinine, tine, time, thine, dine, dime.

The following are consonant strokes, ending with the l sound, to which vowels may be attached at the end, as in lesson eight, and read between or after the two consonant sounds: but in case two words of the same part of speech are recorded with the same outline, a natural narrow hook curving from the inside of the beginning of curves or on the right or upper side of strokes may be used to express the following l sound: as, pile and ply .

This hook is used to record the following ple, pel, ble, bel, fle, fel, vel, vle, lel, kle, chel, jle, gle, tle, dle, del, nel and mel.

Pl bl fl-vl rl nl tl dl hl ml



Practice to learn the strokes, the principles and for accuracy

Writing Exercise.

pell, pelt, play, plate, plead, pale, pail, place, placed, bell, belt, bled
bless, blessed, bells, bail, bailed, blade, blase, bails, vail, vale, flay
fail, flayed, failed, inflate, flays, fails, fell, felt, clay, gail, glade
glaze, gails,
pill, bill, bills, bliss, built, build, fill, filled, flit, kill, kiln,
chill, jill, gill, till, dill, mills,
pool, peal, plea, pealed, peeled, plete, plead, please, peels, peals,
Beal, bleat, bleed, veal, feel, flee, field, fleet, fleas, fleece, feels,
cleat, keel, glee, deal, kneel, meal.
Poll, plot, plod, blossom, clot, clod, closet, doll, hollow,
pile, ply, piled, plight, apply, applied, bile, blight, viol, file, flight
filed, kile, Clyde, roil, Nile, tile, dial, mile, mild,

Pool, pull, blue, blew, bull, blood, fool, full, flue, flew, fooled, flute, flush, flood, rule, ruled, rules, cool, include, cult, culled, occult, annul, mule, mull, tool, tools, duel, dull, dulled, dulls, hull, hulled.
pal, plat, plad, plats, plads, blat, blast, flat, flash, flashed, clash, class, clashed,
pall, appall, ball, fall, falt, false, call, called, calls, Claud, clause, claws, malt, tall, doll, hall, halt,
poll, pole, blow, bowl, bloat, blows, bowls, volt, flow, float, fold, flows roll, rolled, coal, coals, cold, closed, knowl, mole, mold, toll, told, dole, dolt, hold, Bolt, hole.
plow, Powell, plowed, plows, Powell s, bowel, blouse, vowel, foul, fowl, flout, cowl, cloud, towel, howl,
Employ, employee, employed, boil, foil, royal, toil, toiled, doily,

(The use of the l hook)

Lilly, lull, Lowell, loyal, while, wheel, wheels, chill, cild, chilled, children, jell, jelled, jail, jilt, ---jeal, jolt, gail, glaze, glade, guilt, gilt, glee, glide, glue, glued, glues, glut, gulled, guile, Gould, glad, glass, glasses, gall, gloss, Gault, gold, gloat, glowed, glow, glows quell, quail, quill, quilt
They'll, Stella, stalo, still, stilt, stilled, steel, steal, style, stile stool, stall, stalled, stole, stolen.
spell, spill, spelled, spilled, spile, spiled, spool, spoil, spoiled, shell, shelled, shells, shale, shield, shall, shalt, shawl, shoal, scale, skill, school, skillet, schooled, scales, skull, scald, scold, scowl, scowled, scald, snail, smell, smile, smiled, smiles, small,

The l hook used for pl,bl,fl,vl,lel,kl,chl,jl,gl,tl,dl,nl,ml.

Practice for accuracy and to learn the principles.

pebble,peddle,penalty,pickle,people,petal,penult,penal,pommel,
pupil,puddle,paddle,panel,
Babel,beatle,bottle,Bible,bugle,---bunal,bubble,buckle,babble,
baffle,battle,fable,fatal,fickle,veigle,fiddle,final,finally,
fugal,futal,funnel,fumble,faculty,flannel,vocal,
level,ladel,lately,little,legal,legally,legality,libel,lively,
likely,lightly,lapel,loll,lowly,local,locally,locality,
rebel,revel,rabble,raffle,ravel,rattle,Rachel,ripple,reply to,
riffle,rivulet,riddle,regal,rival,
hill,hymnal,heavel,whittle,huddle,haggle,Hamilton,cable,kettle,
kennel,cobble,cupula,couple,chuckle,cudgle,cuttle-fish,cavel,
cackle,cattle,chapel,juggle,jiggle,chattle,giggle,channel,gable,
gavel,table,tipple,tickle,tittle,topple,toggle,title,tidal,time-
ly,tunnel,tackle,tattle,total,Donnelly,ducal,naval,nettle,nibble
nickle,needle,novel,novelty,nominal,numeral,noble,Mabel,maple,
mainly,Mitchel,metal,meddle,medal,mineral,model,Michial,mutual,
muffle,muddle,mantle,Mobile.

A narrow hook on the outside of the beginning of a curve or on the under or left side of a straight line may express the follow ing per,ber,fer,ver,ler,ker,cher,jer,ger,ter,ther,der,ner,mer:as Butter father preacher .

PRACTICE FOR ACCURACY AND TO LEARN THE PRINCIPLES.

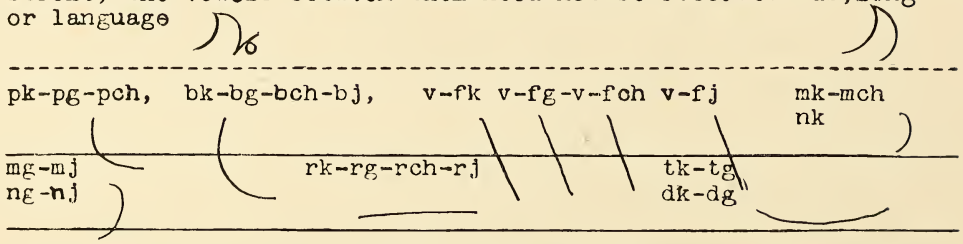
pepper,paper,pailer,picker,pitcher,pillar,pealer,Peter,popper, poverty,pottery,Palmer,piper,piler,pinery,pooler,pewter,puller, puffer,pucker,putter,pallor,packer,patcher,patter,pauper,polar poker,poacher,poucher.
better,beggar,bailer,baker,baiter,bather,biller,bicker,bigger, bitter,bidder,beaver,beacher,beamer,balmer,biter,abider,buffer, Booker,bucker,butcher,butter,budder,bummer,backer,badger,batter, banner,baller,balker,bother,bowler,boiler,
Febr.,fetter.feather,Faber,favor,failer,feigner,filler,fitter, feaver,feeler,feature,feeder,fodder,father,farmer,fibre,fifer, filer,fighter,finer,future,futurity,funeral fuller,fatter,fanner,faller,former,fawner,foamer,fowler,foiler,fouler,leper,leopard,leaver,ledger,letter,labor,later,lamer,liver,liquor,litter, leaguer,leader,leaner,locker,lottery,lighter,liner,looper,lucre, Luther,lunar,lubber,lover,looker,lugger,laughter,laquor,lagger, latter,ladder,lather,eloper,loafer,loader,louder,wrecker,reader redder,railery,rager,rater,raider,reigner,rigor,ridger,rimmer reaper,rider,rhymer,ruler,roomer, rubber,rougher,rudder,runner, roofer,wrapper,racker,ratter,rather,roper,rover,roller,router, roacher,roamer.

Heffer, heavier, hedger, header, hennery, hemmer, hailer, Hager, haiter, hiller, hitcher, hitter hither, hopper, hollar, hotter, hover, hummer. hatcher, hatter, hammer, honer, Homer, howler,
caper, cager, cater, killer, kicker, keeper, keener, copper, cobler, collar, codger, cotter, O'Conner, calmer, kinder, cooper, outer, cupper, cover, coler, cutter, comer, capper, catcher, canner, cougher, caller couger, corner, coaler, coacher, quoter, comber, coiler,
gaitar, guager, gainer, giver, guider, govern, gutter, gopher, gather, go there, checker, jailer, teller, tenor, taker, tamer, tiller, ticker, tinner, teacher, teeter, teamer, tolerate, Tiber, tiler, tiger, tighter, timer, tuner, tumor, tougher, tucker, toucher, tapper, taller, tacker, talker, tatter, attacher, tanner, toweler, Towner, toiler.
decker, dater, debtor, dipper, differ, dicker, digger, ditcher, dinner, deeper, deafer, dealer, deemer, dollar, dodger, dotter, donor, diver. diger, diner, duller, dumber, Dover, doter, doubter,
neighbor, never, maker, neither, knocker. notcher, nitre, neuter, numerous.

The vowels are joined to these strokes the same way they are to those in lesson eight. Where these strokes do not apply to the following words the following rules will.

The following k,g,ch or j sounds can be expressed by crossing any outline from a circle or loop: as, pay is changed to page or peg ; pane is changed to paying or pass is changed to passing .

Where the nk or ng strokes are used after any consonant stroke, the vowels between them need not be recorded: as, long or language



PRACTICE FOR ACCURACY AND TO LEARN THE STROKES AND PRINCIPLES.

Pick, pig, pitch, peach, peek, peak, peck, peg, opaque, page, pike, Puck, pug, poke, patch, pouch,
bake, beg, big, beak, beach, beech, bog, botch, bike, --buke, book, buck, bag, bug, back, batch,
vogue, victory, vague, affect, effect, fake, figure, fog, fact, fag, folk
wreck, wretch, rake, rage, rick, rig, ridge, reek, reach, rook, rug, rack, rag, ratchet, rogue.
take, tick, Dick, dig, ditch, teach, dodge, Tige, dyke, duke, took, duck, dug, Dutch, tuck, touch, tack, tag, attach, talk, dog, toque,
neck, make, meek, nitch, knock, notch, nook, muck, match, Madge, nag, nudge

Hague, cake, kick, check, chick, quick, stick.

CROSSING OUTLINES FROM LOOPS

Paying ping pying, pawing, baying, obeying, being, buying, bowing, vying vowing, laying, lying, lawing, hoing, king, kink, pink, link, rink, keying, cooing, cawing, coying, chink, jewing, going, tying, towing, thing, think, doing, dying, endowing, neighing, gnawing, annoying, knowing, mowing, pinch, linch, dingy, mink, sting.

THE NK OR NG FOLLOWING CONSONANTS.

punk, pang, pong, bang, bank, bunk, Frank, flung, lank, long, wrangle, wrong chunk, junk, ranch, whang, gang, gong, tank, tong, thank, thong, tongue, dong, among, lung, stung, slung, slang, slunk, spank, spunk, whang.

RECORD THE PREFIX EX BY CROSSING TO THE "ĕ" CIRCLE.

Expose, exposition, expend, expense, export, expire, expiration, , excell, exult, exultation, exhort, exert, exertion, execute, excuse, except, extra, extract, extend, extention, extort, extoll, exceed, examination .

The following vowels may be recorded the opposite way from which they are recorded in lesson eight to express the following r,rk,rg,rch or rj sounds: as, lah is changed to large

The reversed hook at the end of a stroke or curve may be used to record the s,sh or tion sound that immediately follows a consonant sound: as, Abe's Persian or action

PRACTICE FOR ACCURACY AND TO LEARN THE PRINCIPLES.

Verge,forge,forage,foilage,fairer,flair,flayer,flyer,floor,flicker,filler,filer,rare,rear,roar,railer,reeler,ruler,roller,reigner,rumor,roomer,rimmer,roamer,rocker,riper,reaper,wrapper,roper,wrecker,rocker,laugher,lesser,loser,larger,locker,laquer,liquor,Horse,where,whirr,career,carrier,currier,crag,craggy,crock,clerk Clark,clergy,charger,trunk,track,Turk,trudge,teller,tiller,taller,toiler,dryer,Drury,dreary,there,their,dearer,dealer,dollar,dweller,nearer,miller,spare,spear,spire,spurr,slayer,slur,slower share,shear,shire,sure,shower,shore,snare,sneer,snore,smear,smart

REVERSED HOOK.

Sips,seeps,soups,birds,saves,safes,waves,wafts,sirs,curse,acres,Walkers,correction,collection,connection,sets,sits,seats,sights,waits,wits,suds,sends,cents,since,sense,signs,science,swains.

Where the following strokes ending in p or b sounds do not apply the following p or b sounds may be expressed by writing any outline below the line of writing: as, tie is changed to type ,

Vowels are applied the same to these strokes as they are to those in lesson eight and rules are applied the same as to all other strokes.

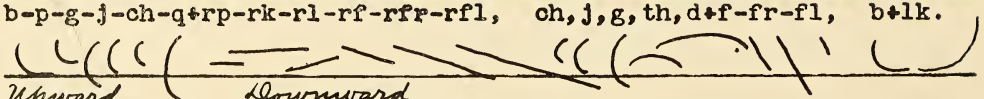
rp-rb mp-mb shp-shb rf-rv, rfr-rvr rfl-rvl lf-lv

PRACTICE FOR ACCURACY AND TO LEARN THE STROKES AND PRINCIPLES.

Peep, pop, pup, puppy, Pope, babe, bub, Bob, fib, fob, fopish, liberty, liberal, libel, liberate, hip, heap, hub, hop, happy, hope, happen, whip, whopper, hoop, kept, cape, keep, cop, copper, cup, cub, cube, coop, cob, jib crape, creep, crib, crept, crop, croup, crab, clip, clap, camp, job, jab, Job, gap, gab, tape, tip, taper, top, type, tub, tap, tube, dip, deep, adopt, doop, dub, daub, dope, nape, nip, knob, knap, may be, map, mop, mope, lomp, lumber, lamp, lamb, step, stoop, stop, steep, stab, ship, shop, shape, sheep slept, sleep, slop, sloop, slap, slab, slope, snap, snub, snipe, snap,

rave, --reft, rift, reef, arrive, arrival, roof, rough, raft, rove, river, revier, refer, referred, refering to, reference, your fa, our fa., revel riffle, rivulet, rifle, rival, re-fill, reveal, revolver, revile, loft, laved, lave, lift, leaf, leave, life, live, aloof, love, eleven , loaf, loaves, aloft.

b-p-g-j-ch-q+rp-rk-rl-rf-rfr-rfl, ch,j,g,th,d+f-fr-fl, b+lk.



ch j plus ks k kr kl kn may be blended to produce these

comninations: prl,brl,chrl,jrl,grl,qrl,prn,brn,chrn,jrn,grn,qrn, prp,brp,chrb,jrp,grb,qrb,prg,brk,chrch,jrk,grg,quk,prf,prfr,brf, chrf,jrv,grf,qrf;chf,jf,gf,gfr,thf,df: plk,blk;chks,chk,chkl,chkn jk,jkt,

PRACTICE TO LEARN THESE COMBINATIONS.

Barrel,burlap,burn,baron,Byron,break,brick,brig,bridge,breach, brook,brag,broke,brogue,broach;brave,brief,breve,braver,briefer, pearl,peril,prim,prime,print,prince,prints,principle,principal, practice,proof,prove,prefer,preference,proffer,privilage,chirl, churn,cnarm,church,jirk,quirk,gravel.
chief,chef,chafe,achieve,chuffy,chaff,Jefferson,Jove,juvenile, gave,give,giver,governor,golf,thief,thieves,deaf,Dave,dive,doff, dove,differ,deafer,diver,devil,advise,advice,advance,advertise, advantage,thrift,thrifty,thrive,draft,drive,drove,plack,bluck, block,blake,bleak,oblige,blotch,bleach,pledge,plague, checks,chicks,cheeks,chokes,checkers,check,chick,cheek,chalk, choke,chicken,Jakes,Jack,juke,---ject,joke,chuckle,

The intervening con, com, coun, cog and cong syllables may be expressed by crossing preceding strokes with following strokes: as, re-comm-end re-cog-nize the-cong-ress.

The intervening gra may be expressed by lifting the pen for that syllable while recording the word: as, photo-gra-ph

PRACTICE FOR ACCURACY AND TO LEARN THE PRINCIPLES.

recommend, recognize, recognition, inter-comm-u-nc-a t(by shading), the council, the contents, to communicate, nønin-ter-comm-unication trans-con-tinental, pre-conceived,

photograph, phonograph, lithigraph, mimeograph, logogram, telegraph, photographic, photographer, telegram, telegraphic, lithographer, lithographic, mimeographic,

P R E F I X E S.

Signs	Syllables	Shaded for	Remarks.
–	Con, com, coun, cog, cong.	t or d	Written backward to add tra, tre, tri, ter and tor
/	De or di	s " st	Pen should be lifted for underscored words.
\	Pro, por	s	written over or before.
\	pre, per.	s	" under or after.
>	Un, unt or und	unter or under	Should be detached.
∪	Trans		
∩	Super	s	
⌐	Sub	s	May be written in any position when attached.

Practice for accuracy and to learn the prefixes.

compose, comprise, comply, confide, confuse, confute, conform, confer, compact, confluence, commute, commune, common, concur, connect, contract council, counsel, counter, country, countless, cognate, cognize, congress, desire, destine, denote, derive, descend, depose, dispose, demise, defer, differ, divide, division, discourage, digress, direct, direction, disuse, distrust, denominate, demand, divert, define, defence, difference, propose, portend, provide, provision, progress, proffer, profess, promote prepare, precede, presume, preside, present, presuppose, prefer, perfect unbias, unbecoming, unbalanced, unbelief, unbroken, unfold, unfair, undeside, understand, undertook, underwrite, undertake, underestimate transpose, transpire, trandsgress, transact, transatlantic, transmute supervise, supervision, superscribe, superannuate, superintendant, subject, subscribe, subserve, substitute, subtract, subscription.

The following are syllables or words recorded with single strokes.

up, put, but, of, for, full, fell, fect, left, let, less, look, are, or,

per, felt, peck, book, rent, rend, her, heard, head, hut, held, who, who'd,

could, cut, cor, ker, come, jet, get, go, to, ted, tell, took,

there, their, the, do, dead. delt, mess, ness, ence, ance, ents,

ends, must, ans, end, an, and, net, ned, am, amt., met, med, men, non, mem,

ment, mend, stood, much, next; DEEPENED: upon, been, bent, bend, become,

learn, lend, lesson, come, common, Gent., gain, ten, tent, tend, turn, trend

then, them, dent, done

Extensive phrasing may safely be done with very brief outlines by applying the various principles to the various strokes and crouding out the sounds you naturally croud out in speech:as, I've,you'll,we'd,'a k'd,'f I'd,'f I'll,'f I k'd; in rpli t .

Study these principles and make as many phrases as possible.

In answer to, replying to,I am in receipt of your,very truly.

Uni-lv t,you'llv t,(you will have to),of the,for the,to be the into the,in the to,they're to be in(thrt b in) you n I could, you're I could,we'av your fa. of the, in regard to, your valued fa.of the,we're in receipt of your,said to be,we were to be, you are to be,had to be,have to be,could be,will be,there ah to be,it'll be the,it'd be may be the,might be o ver t us,you n I.

THESE PHRASES ARE GIVEN TO TEACH THE PRINCIPLES OF PHRASING.

CONCLUDING SUGGESTIONS.

The sounds of sh'r, sh, and sh'l following a consonant sound may be expressed by recording the, hr, h, and hl strokes at the end of such consonant stroke; as, mr and hl strokes would record the word, martial.

The tf–v, tfl–vl, tfr–vr, and tfk–fj–fg expressions at the end of a word may be recorded with the v, f, fl–vl, fr, vr, or fk–g–j strokes.

The word "which" may be recorded with other words by crossing their outlines to or from the short i circle for the following "ch" sound: as "which of" ..... or "for which" .....

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